

Converting Colors

RGB(204, 151, 192)

Have a look what the booklet for
RGB(204, 151, 192) contains.

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Color

RGB(204, 151, 192)

Conversions

Conversions Part 1

Format	Color
Hex	CC97C0
RGB	204, 151, 192
RGB Percent	80%, 59%, 75%
CMY	0.2000, 0.4078, 0.2471
CMYK	0.00, 0.26, 0.06, 0.20
HSL	314°, 34%, 70%
HSV	314°, 26%, 80%
XYZ	45.4829, 38.7764, 54.9565
YIQ	171.5210, 18.4270, 23.9870

Conversions

Conversions Part 2

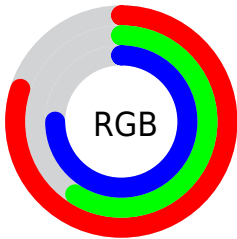
Format	Color
RYB	204, 151, 192
Decimal	13408192
CIELab	68.59, 26.48, -13.40
CIELCh	69, 29.675, 333.165
Yxy	38.7764, 0.3267, 0.2785
Android (android.graphics.Color)	4291598272 (0xFFCC97C0)
YUV	171.5210, 10.0961, 28.4841
Hunter-Lab	62.2707, 21.4038, -8.7365

Details

The RGB color **204, 151, 192** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **151, 204, 163**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **255, 206, 248**, and **149, 99, 138** is the 20% darker color. If you saturate the color by 10%, you get **204, 131, 187**, and if you desaturate by 10%, it is **204, 171, 197**.

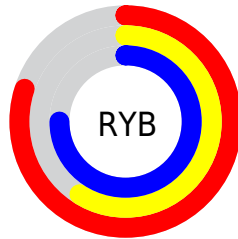
Distribution



Red (80%)

Green (59%)

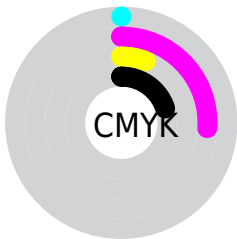
Blue (75%)



Red (80%)

Yellow (59%)

Blue (75%)

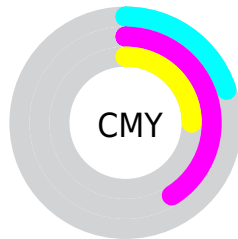


Cyan (0%)

Magenta (26%)

Yellow (6%)

Black (20%)



Cyan (20%)


Magenta (41%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 151, 192 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 204, 151, 192 by changing the saturation by 10% instead.


 204, 151, 192

255, 255, 255


 255, 206, 248

 255, 234, 255

 204, 151, 192

 176, 125, 165

 149, 99, 138

 123, 75, 113


 97, 51, 88


 73, 29, 65

 49, 6, 43

 29, 0, 23

 0, 0, 0

 204, 151, 192

 204, 151, 192

■ 204, 131, 187

■ 204, 171, 197

■ 204, 110, 183

■ 204, 192, 201

■ 204, 90, 178

■ 204, 212, 206

■ 204, 69, 174

■ 204, 233, 210

■ 204, 49, 169

■ 204, 253, 215

■ 204, 29, 164

■ 204, 255, 220

■ 204, 8, 160

■ 204, 255, 224

■ 204, 0, 158

■ 204, 255, 229

■ 204, 255, 234

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



175, 159, 212



204, 151, 192



219, 147, 165

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



204, 151, 192



183, 167, 114



81, 181, 196

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



204, 151, 192



151, 204, 163

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94, 182, 169



204, 151, 192



155, 174, 122

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



204, 151, 192



206, 157, 120



123, 180, 142



99, 177, 214

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



204, 151, 192



221, 148, 147



123, 180, 142



82, 182, 187

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



204, 151, 192



255, 235, 250



162, 151, 204



128, 115, 125



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



204, 151, 192



255, 176, 237



204, 151, 166



102, 92, 100



166, 0, 128



38, 0, 30

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



204, 151, 192



255, 176, 237



151, 204, 189



102, 92, 100



166, 0, 128



38, 0, 30

Previews

White Background



This preview shows how the RGB color 204, 151, 192 looks on a white background.

Color Contrast Check

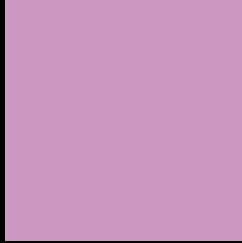
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 204, 151, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

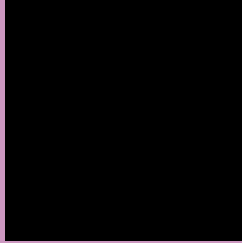
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 204, 151, 192 Background



This preview shows how black text looks on a background with the RGB color 204, 151, 192.



This preview shows how white text looks on a background with the RGB color 204, 151, 192.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
204, 151, 192

Protanopia
160, 166, 202

Deuteranopia
173, 163, 190



Tritanopia
201, 155, 167

Trichromacy



Original Color
204, 151, 192

Protanomaly
176, 161, 198

Deuteranomaly
184, 159, 191

Tritanomaly
202, 154, 176

Monochromacy



Original Color
204, 151, 192

Achromatopsia
172, 172, 172

Achromatomaly
184, 164, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 151, 192 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(204, 151, 192)` looks like.

```
.text, #text, p{  
    color:rgb(204, 151, 192)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(204, 151, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 151, 192) }
```

Border

The CSS property to change the border of an element to RGB 204, 151, 192 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 151, 192) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(204, 151, 192) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(204, 151, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 151, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 151, 192);  
box-shadow:4px 4px 4px 4px rgb(204, 151,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 204, 151, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 151, 192) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(204,  
151, 192) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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